DISA

2004 CUSTOMER PARTNERSHIP CONFERENCE

REALIZING THE NET-CENTRIC VISION

MVS Line of Business
Status update for DISA Customer Conference

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GIG Combat Support
Defense Information Systems Agency

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Status of Transformation

- DSCA workload moved from OKC to Mech March 2004
- Implementing “data replication” to accomplish transformation moves
- Preparing Air Force workload move to Ogden in June 2004
- Preparing Columbus workload move to Ogden in Feb - June 2005
- Optimizing tape environment at Columbus

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Workload

OS/390 CPU HOURS					
SERVICE	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004**
AIR FORCE	377,341	383,623	359,467	372,469	482,815
ARMY*	332,601	318,976	376,972	344,531	351,454
DFAS	970,832	970,146	1,074,249	1,153,556	1,267,562
DISA	23,761	23,697	27,228	26,919	30,628
DLA	732,489	894,971	844,457	893,325	956,663
MARINE CORPS	200,558	213,518	206,845	228,396	227,752
NAVY	369,962	399,257	533,814	607,035	593,509
OTHER	149,082	165,929	188,578	191,132	182,658
TOTAL	**3,156,627**	**3,370,118**	**3,611,609**	**3,817,364**	**4,093,042**

***Assumes the CCSS and SDS applications will move to mid-tier.**

****Actuals through Period 6 and estimated through the end of the year.**

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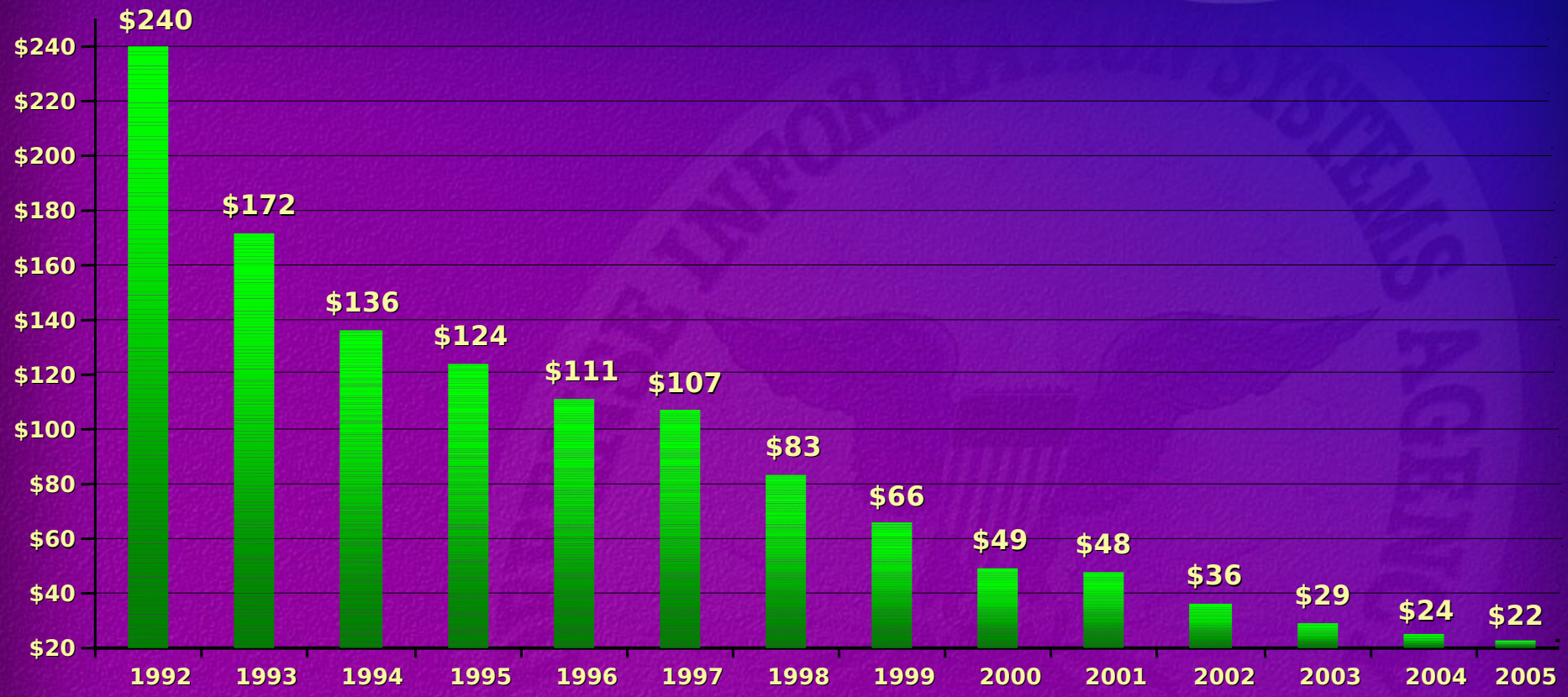
CPU Hour Rate



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Technical Update

- Replacing older Amdahl and IBM machines with Generation 6 hardware or “z” boxes
- Replacing enterprise DASD and positioning for true “Assured Computing”
- Continuous software update/refresh currently upgrading to z/OS 1.4
- Standardizing standard customer level products to lower rates and streamline environment

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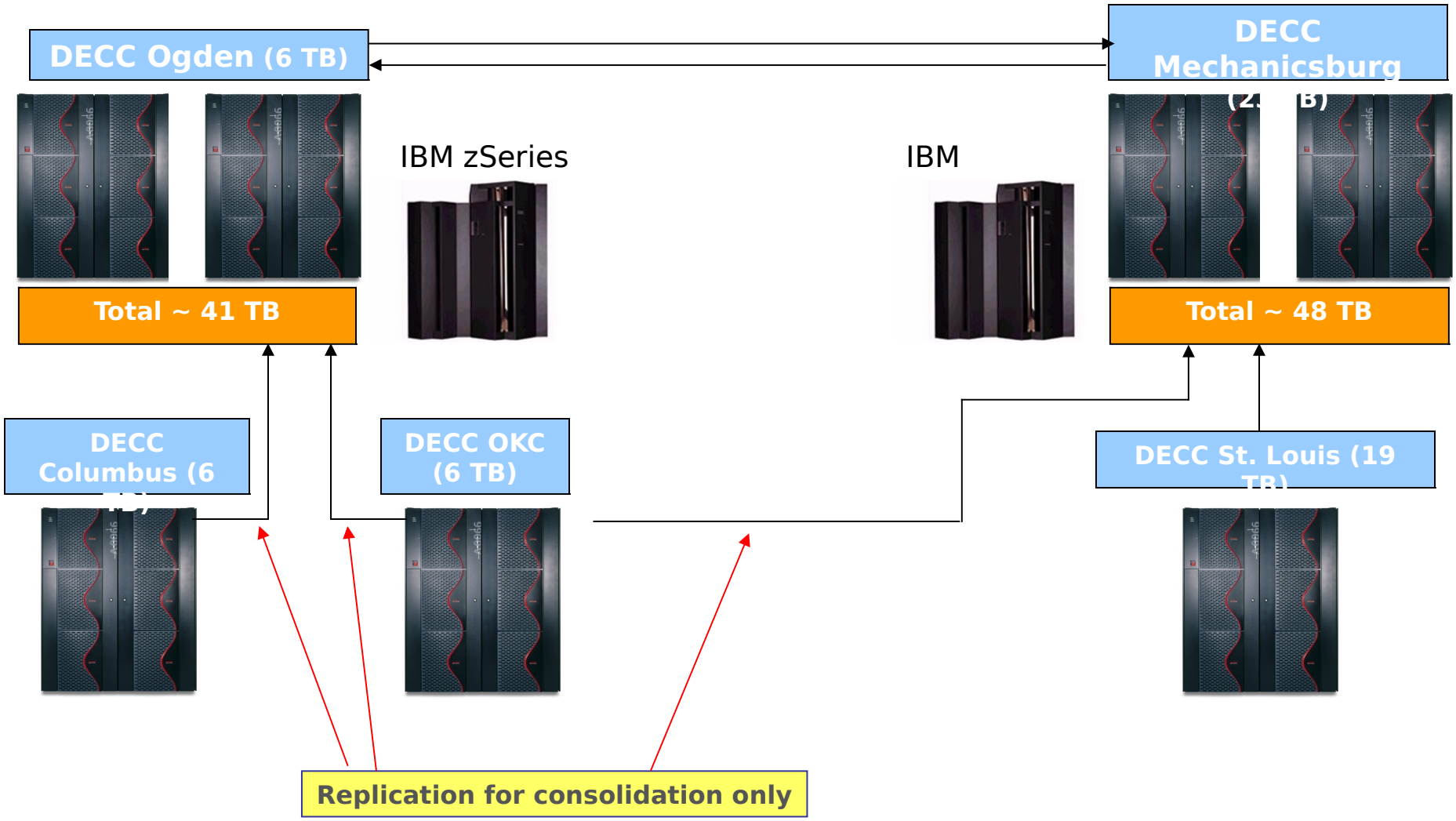
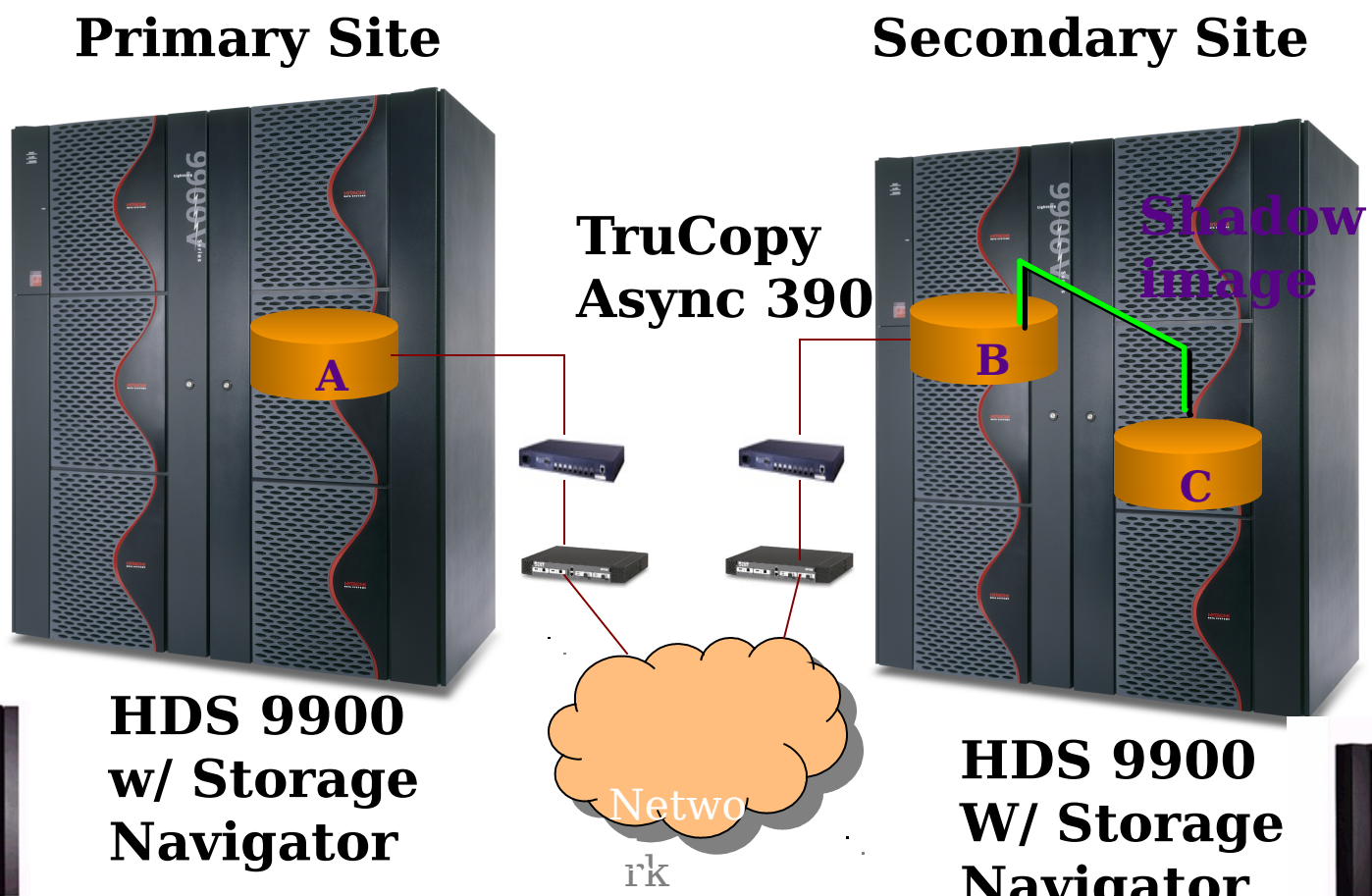
Assured Computing Replication Topology



ViON Replication Solution



Legacy Disk Replacement Schedule

- Oklahoma City 100% complete
- Ogden 100% complete
- Columbus 100% complete except for IBM Shark disk (July)
- Mechanicsburg replacement will take place May through August
- St Louis complete except for residual data on 5 systems; 100% completion by August

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Data Replication Schedule

- **Oklahoma City**
  - Mechanicsburg consolidation replication and workload move completed
  - Ogden implementing consolidation replication for workload move (Apr-May)
- **St Louis**
  - Mechanicsburg assured computing replication (Aug-Sep)
  - Mechanicsburg backup processor(s) installed
- **Ogden ⟺ Mechanicsburg**
  - Assured computing replication (Oct-Nov)
  - Ogden backup processor(s) installed

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SMC Mechanicsburg

HOST7 500 MIPS IBM 2066-003	
MZL – VM OS MANAGER	9.1
MMS – SSO OS/390 R10	31.1
MMW – SSO ZOS 1.4	23.5
MMQ – SSO OS/390 R8A	6.0
MMD – SSO OS/390 R10	39.2
MMR – SSO ZOS 1.4	12.7
MZU – VM & LINUX TEST	3.1
MZV – LINUX TEST	2.0
MMV – SSO OS/390 R10	35.0
MZE – CORPS OF ENG.	29.1
MPJ – SSO TEST	10.2
MPN – SSO TEST (AF)	8.7
MC03 – SSO D9	15.7
CMCS – CMCS FOCUS	36.0
WR06 – CARS, EAGLES FOCUS	4.0
PHYS-OVHD	5.0
SSO, Army COE, CMCS, CARS	

Used MIPS In Sep 05 - 270

HOST2 98 MIPS IBM 2003-136	
MXD – TFMMS, Navy DB2	22.6
MMT – ICP/SECURE IDMS FOCUS	32.9
PHYS-OVHD	0.0
Navy, NAVICP Secure	

Used MIPS In Sep 05 - 56

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SMC Mechanicsburg

Host 5 - 1985 MIPS
IBM 2084-305

MZC – STARS TEST DB2 FOCUS	763.5
MZJ – STARS TEST DB2 FOCUS	49.1
MZS – CMC COMM	134.1
MXA – MECH/DJMS TEST DB2 FOCUS	28.0
MXC – DJMS/BUPERS DB2 FOCUS M204 SUPRA	323.0
PHYS-OVHD	12.0
STARS, DJMS/BUPERS, CMC	

Used MIPS
In Sep 05 - 1310

Host 6 - 1242 MIPS
IBM 2084-303

MXS – NITC PROD DATACOM	131.3
MZY – DSS PROD DB2	324.0
MZW – DSS TEST DB2	44.4
MMN – NITC TEST DATACOM	25.4
MZB – OS/390 CORE TEST	34.1
MZQ – CMC2 COMM	118.5
MZA – SYSPLEX TEST1	10.7
MZZ – SYSPLEX TEST2	24.0
PHYS-OVHD	20.0
NITC, DSS, CMC	

Used MIPS
In Sep 05 - 732

Host 3 - 2669 MIPS
IBM 2084-307

MMC – IDMS Production IDMS M204 ORACLE FOCUS	MMA – DJMS/TRICARE IDMS FOCUS 525.1
MZO – DCPS TEST/PROD IDMS	OC08 – DIFS 22.0
MZN – DCPS DEV	SMIS – SAMIS ADABASE 44.0
MZF – DCPS IDMS	OC55 – MISIL IDMS FOCUS 23.0
MMX – IDMS TEST IDMS M204 ORACLE FOCUS	MTC – CISIL M204 21.0
MMY – SPAR DEV IDMS	TRICARE -131.3 Tentative move to Mid-Tier
MMO – SPAR TEST	PHYS-OVHD 25.0
MMU – UADPS-2 IDMS	**DJMS, DCPS, NAVICP, UADPS, IDMS, DIFS, SAMIS, MISIL**
MMF – DENVER TEST IDMS FOCUS	

Used MIPS
In Sep 05 - 1839

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SMC Ogden

#2– 1984 MIPS IBM 2084-305			
MUW – DMAPS TEST DATACOM	8.2	SA17 – RDB DATACOM	12.6
MUD – CMC/INFO CNTL DATACOM, DB2, FOCUS,	108.5	SA20 – SCS DATACOM	24.0
SM15 – SC%D DATACOM	22.0	MTA – TINKER AF DATACOM, FOCUS, IMS	115.9
MPC - SCS DATACOM	86.8	MTN – DMAPS 1 DATACOM	5.7
WP10 – DAYTON SCS DATACOM	59.6	MTH – DMAPS 2 DATACOM	8.2
OO25 - SCS DATACOM	89.3	MTJ – DMAPS 3 DATACOM	6.1
OO21 - RDB DATACOM	58.7	MTL – DMAPS 4 DATACOM	9.3
WP01 – RDBTEST DATACOM	62.8	MFBP – DORRO, DFAMS M204	53.7
WP07 – CPAS/RDB TEST DEV	143.1	MFDD – DSDC TEST DATACOM, INTERCOM,	97.0
MUO – COOP LOADER/TEST	3.0	MFMP – DISMS SUPRA	35.2
OC13 - RDB DATACOM	22.1	MFCP – DBMS DATACOM, SUPRA	230.5
WR09 - RDB DATACOM	14.7	MFHD – DBMS TEST SUPRA	20.9
WR01 – SCS DATACOM	53.4	CPAS Moving off mainframe	-75.9
OC05 - SCS DATACOM	55.2	DISMS Moving off mainframe	-35.2
COMM	48.8	DBMS Moving off mainframe	-95.5
PHYSICAL OVERHEAD			66.0
USAF, DFAS, DISA			

Used MIPS In Sept 05 - 1315

#3 – 1984 MIPS IBM 2084-305	
MUA – DSS DATACOM, DB2	384.8
MUY – DSS TRAINING DATACOM, DB2	44.3
MMUI – OS/390 TEST	21.4
MMUL – DSS TEST & DEV DATACOM, DB2	76.9
MUX - ACTE	9.1
MFLP – FLIS DB2	317.8
MFGD – FLIS TEST DB2	20.0
MFAP – MOCAS REHOST DB2	200.0
MFOE – OS/390 PREP	10.7
MFRE – Z/OS PREP	18.3
MFFP – SAMMS INTERCOM	198.8
MFKP – C&T, SAMMS INTERCOM	65.6
MFWC - COMM	41.1
MFET – DECC EXEC/SW	6.1
SAMMS	-126.9
PHYSICAL OVERHEAD	20.0
DLA, DFAS, DOD, DISA	

Used MIPS In Sept 05 - 1308

#1 - 1242 MIPS IBM 2084-303	
??? - AF DIFMS ORACLE	414.4
MZH – NAVY DIFMS ORACLE	397.3
MZI – TEST ORACLE	51.3
??? – FAMIS ORACLE	27.0
??? – BETHESDA NAVAL HOSPITAL	50.0
PHYSICAL OVERHEAD	0.5
AIR FORCE, NAVY, DISA	

Used MIPS In Sept 05 – 941

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DECC St. Louis

CMOS1 - 855 MIPS IBM 2084-302	
3J02 – Marines ADABASE DATACOM	95.1
3M02 – Marines ADABASE	82.7
3P02 – ATAAPS ADABASE	9.9
3T02 – Kansas City (ADABASE	166.1
3Y01 – CMC	103.7
CF01 – Coupling Fac	6.4
CRYP – CRYPTO	12.0
MQV0 – WebSphere	1.1
MSZ0 – OS/390 Test	0.6
Physical Overhead	6.5
USMC, DFAS	

Used MIPS In Sept 05 - 484

CMOS3 - 1620 MIPS IBM 2084-304			
2F01 – SDS ANAD DATACOM	41.5	3F03 – OSC&AT, M204 ORACLE S2K	15.9
2G01 – SDS RRAD DATACOM	33.4	4K03 – CCSS TA M204 ORACLE S2K	164.6
2H01 – SDS CCAD DATACOM	39.9	DUMP – DUMP	38.0
4F03 – RIA/PBA (Ar DATACOM S2K	30.0	2K01 – LOGSA DATACOM M204 S2K	16.5
4I05 – Tooele RI (Ar DATACOM	29.8	2N01 – LOGSA C M204	3.9
MC11 – SDS CH DATACOM M204 ORACLE S2K	59.4	4E03 – IOC/Wate M204 ORACLE S2K	69.6
MC21 – SDS CH DATACOM	17.1	4J03 – ARDEC DATACOM S2K	40.9
MC23 – SDS CH DATACOM	63.0	4M03 – ARL RI S2K	19.7
2E01 – CCSS MICO DATACOM M204 ORACLE	111.9	NAMI – NAMI ORACLE S2K	49.2
3E03 – AMCOM,SB M204 ORACLE S2K	119.9	MICS – MICS	64.1
		Physical Overhea	18.5
USMC, DFAS, DECC, USAMC			

Used MIPS In Sept 05 - 1047

CMOS6 - 55 MIPS IBM 7060 H30	
3V03 – DITCO ORACLE SUPRA	38.0
Physical Overh	0.3
D	

Migrate/ Replace

Used MIPS In Sept 05 - 38

CMOS7 - 1242 MIPS IBM z990 2084-303	
1B04 – ASIMS CI DATACOM	40.5
2B04 – ASIMS Ur (H) DATACOM	85.0
3B06 – ASIMS DATACOM	115.3
4B08 – ASIMS-W DATACOM	83.2
4N02 – CMC	62.7
5B08 – ASIMS-E DATACOM	143.8
CF07 – Coupling	11.6
KOR6 – ASIMS Jp DATACOM	40.1
MC02 – ASIMS D DATACOM	33.0
MQY0 –Test	30.4
Europe 5th Signal	65.0
DFAS National Gu	5.0
Physical Overhea	64.0
USARMY, DFAS	

Used MIPS In Sept 05 - 780

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The Way Ahead

- 2-year end-state (3 z990's at 3 locations, business continuation and disaster recovery plan)
- Parallel Sysplex, FICON, Snapshot Copy
- Move development & test environments to "FLEX-ES" platform
- Isolate the non Workload License Charging (WLC) LPAR's and move to equipment sized specifically for the workload
- Develop a plan to pass savings for New Application License Charging (NALC) back to the customer.

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DEFENSE INFORMATION SYSTEMS AGENCY